

APRIL 30-11

New claim page November 28 2010

Claims.

1. (currently amended) A single coil generator comprising:  
a rotor journaled in an generator frame, said rotor having a plurality of poles,  
*EQUAL S.B.*  
a stator with a ~~like~~ number of salient poles, each including alternately wound coils  
coupled to form a single coil with two free ends, generating alternating current (AC)  
that is connected to an AC load.
2. (currently amended) The generator of claim 1 wherein the output is split into AC  
and rectified direct current (DC).
3. (original) The generator of claim 2 wherein the AC output is connected to a first AC load  
through AC rated switches and the rectified DC is connected to a second DC load  
through DC rated switches.
4. (original) The generator of claim 1 wherein the output is having any combinations of  
low and high voltage as well as AC and DC.
5. (Canceled)
6. (original) The generator of claim 1 wherein said rotor is having permanent magnet poles.
7. (original) The generator of claim 1 wherein said stator poles have same dimensional width  
as said rotor poles.
8. (original) The generator of claim 2 wherein the AC output is rectified by four diodes  
in a bridge circuit and then is connected to a DC load.
9. (previously amended) An output option generator with low loss switching devices comprising:  
*EQUAL S.B.*  
a generator having a rotor with a plurality of poles, and a stator with a ~~like~~ number of salient poles,  
each including alternately wound coils coupled to form a single coil with two free ends ,  
its AC output connected to a first load through AC rated switches,  
said AC output rectified and connected to a second load through DC rated switches.